INTERNATIONAL SEARCH REPORT

International application No.
PCT/DK 00/00287

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: C12N 15/10 // C12N 015/74, C12N 015/80, C07K 014/00
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 9727213 A1 (THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY), 31 July 1997 (31.07.97), page 21, line 7 - line 24; page 25, line 14 - line 24; page 31, line 27 - page 33, line 33, page 36, lines 5-10	1-12
Y		1-18
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Y	Nature, Volume 370, August 1994, Willem PC Stemmer, "Rapid evolution of a protein in vitro by DNA shuffling", XP002082182	1-13,15-16
A		14,17-18
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[X] Further documents are listed in the continuation of Box C. [X] See patent family annex.

* Special categories of cited documents:
"A" document defining the general state of the art which is not considered to be of particular relevance
"E" erlier document but published on or after the international filing date
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
"O" document referring to an oral disclosure, use, exhibition or other means
"P" document published prior to the international filing date but later than the priority date claimed
"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
8 Sept 2000	18 -09- 2000
Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Facsimile No. +46 8 666 02 86	Authorized officer Patrick Andersson/gh Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT

International application No.
PCT/DK 00/00287

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 9846796 A1 (THE REGENTS OF THE UNIVERSITY OF CALIFORNIA), 22 October 1998 (22.10.98), see especially page 15, lines 3-6 and claims	1-12
Y		1-18
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Y	WO 9841653 A1 (NOVO NORDISK A/S), 24 Sept 1998 (24.09.98)	1-12,14-15
A		13,16-18
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Y	WO 9831837 A1 (MAXYGEN, INC.), 23 July 1998 (23.07.98)	1-12,17-18
A		13-16
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Y	WO 9522625 A1 (AFFYMAX TECHNOLOGIES), 24 August 1995 (24.08.95), see page 76, line 10-33 and claims	1-13,15-16
A		14,17-18
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INTERNATIONAL SEARCH REPORT

Information on patent family members

08/05/00

International application No.
PCT/DK 00/00287

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9727213 A1	31/07/97	AU 1707497 A	20/08/97
		AU 1707897 A	20/08/97
		CA 2244222 A	31/07/97
		EP 0877752 A	18/11/98
		WO 9727212 A	31/07/97
WO 9846796 A1	22/10/98	NONE	
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		US 5837458 A	17/11/98